

IN THE CLAIMS

Please amend claims 20, 22 and 29, as follows:

1-16. (Canceled)

17. (Previously Presented) A humanized antibody specific for HBV surface antigen pre-S1, containing a humanized heavy chain variable region which comprises an amino acid sequence of SEQ ID NO: 21.

18. (Previously Presented) The humanized antibody of claim 17, wherein the amino acid sequence of the humanized heavy chain variable region is modified from SEQ ID NO: 21 by at least one amino acid substitution selected from the group comprising:

Lys ¹² → Val ¹² ,	Thr ²⁸ → Ala ²⁸ ,	Thr ³⁰ → Ser ³⁰ ,
Met ⁴⁸ → Ile ⁴⁸ ,	Arg ⁶⁷ → Lys ⁶⁷ ,	Val ⁶⁸ → Ala ⁶⁸ ,
Met ⁷⁰ → Leu ⁷⁰ ,	Val ⁷⁹ → Ala ⁷⁹ ,	and Tyr ⁹⁵ → Phe ⁹⁵ .

19. (Canceled)

20. (Currently Amended) A gene encoding a humanized heavy chain which comprises a humanized heavy chain variable region having an amino acid sequence selected from the group consisting of: the amino acid sequence described by SEQ ID NO: 21; and the amino acid sequence of SEQ ID NO: 21 which is modified by at least one amino acid substitution selected from the group

comprising: Lys¹² → Val¹², Thr²⁸ → Ala²⁸, Thr³⁰ → Ser³⁰, Met⁴⁸ → Ile⁴⁸, Arg⁶⁷ → Lys⁶⁷, Val⁶⁸ → Ala⁶⁸, Met⁷⁰ → Leu⁷⁰, Val⁷⁹ → Ala⁷⁹, and Tyr⁹⁵ → Phe⁹⁵.

21. (Canceled)

22. (Currently Amended) The gene of claim 20, wherein the humanized heavy chain variable region comprises an amino acid sequence ~~described by~~ of SEQ ID NO: 21.

23. (Canceled)

24. (Previously Presented) An expression vector containing the gene of claim 20.

25. (Previously Presented) The expression vector of claim 24, which is designated pCMV-HKR127HC (Accession Number: KCTC 0531BP).

26. (Previously Presented) The expression vector of claim 24, which is designated pCMV-HKR127(III)HC (Accession Number: KCTC 0691BP).

27. (Canceled)

28. (Canceled)

29. (Currently Amended) A composition containing a humanized antibody specific for HBV surface antigen pre-S1, wherein the humanized antibody comprises:
- (a) a humanized heavy chain variable region which comprises an amino acid sequence
described by of SEQ ID NO: 21; or
- (b) a humanized heavy chain variable region which comprises an amino acid sequence of SEQ
ID NO: 21 which is modified by at least one amino acid substitution selected from the
group comprising: Lys¹² → Val¹², Thr²⁸ → Ala²⁸, Thr³⁰ → Ser³⁰, Met⁴⁸ → Ile⁴⁸, Arg⁶⁷ →
Lys⁶⁷, Val⁶⁸ → Ala⁶⁸, Met⁷⁰ → Leu⁷⁰, Val⁷⁹ → Ala⁷⁹, and Tyr⁹⁵ → Phe⁹⁵; or.
30. (Canceled)